

WIRELESS IDENTITY TRACING SYSTEM FOR  
TRACING ANIMALS AND FOOD PRODUCTS

ABSTRACT OF THE DISCLOSURE

5       An animal electronic data collecting device is disclosed which includes a radio transmitter and a radio receiver, a processor for controlling operation of the device, and memory for storing information including a first identifier associated with the  
10 device. The processor is arranged to transmit a signal, by means of the radio transmitter, and to receive, by means of the radio receiver, one or more signals, each representing a second identifier from other devices, and the processor is arranged to store  
15 in the memory each second identifier. The default operating condition of the device is for the radio receiver to be in a receive condition and, upon receipt of a wakeup call, the processor is arranged to place the radio transmitter into a transmit condition.